

# L1703

## Luminaires For Use In Hazardous Locations



### Protection

- Class I, Division 2, Group A, B, C, D
- Class II, Division 2, Group F, G;
- Class III

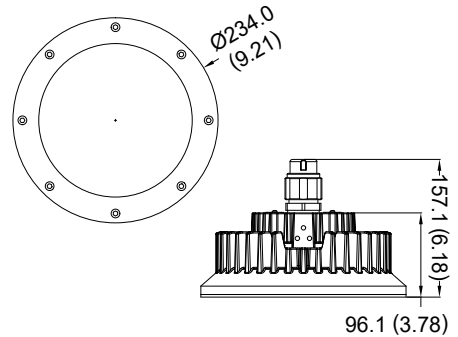
### Standards

- UL 844
- UL 1598 Luminaires
- UL 8750
- CSA C22.2 No. 137-M1981
- CSA C22.2 No. 250.0
- CSA C22.2 No. 250.13

Net Weight: 5.5 kg (12.1 lb)

## Technical Data

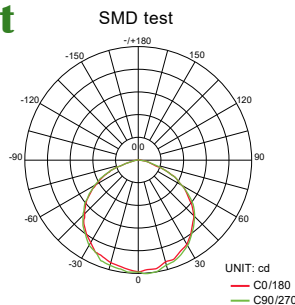
Rated Voltage (±10%)	120V / 277V AC			
Watts (±10%)	65W / 75W / 95W			
Amps	65W 120V: 0.54A, 277V: 0.23A 75W 120V: 0.63A, 277V: 0.27A 95W 120V: 0.79A, 277V: 0.34A			
Color of LED Light	3000K (Warm White) / 5000K (Cool White)			
Ambient Temperature	CID2: -40°C ~ +40°C, T3C / CIID2: +40°C, T4A			
Power Factor	cos ≥ 0.9			
CRI	Cool White ≥ 70 / Warm White ≥ 80			
Lumen (±10%)		65W	75W	95W
	3000K	6175lm	7125lm	9025lm
	5000K	6500lm	7500lm	9500lm
Beam Angle	X-110° / Y-110°			
Frequency	50 / 60 Hz			
Degree of Protection	IP67 / NEMA 6			
Material	• Enclosure • Glass	Aluminum alloy Tempered glass		
LED Service Life	60,000 hrs			
Entrance Thread	1 × M25			



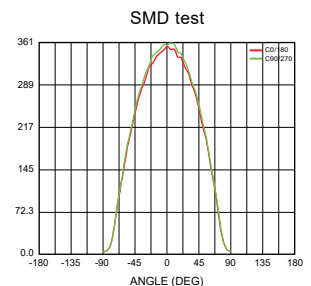
Dimension in Millimeters (inches)

## Optical Report

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



## Model Code

<b>THT</b>	<b>H</b>	<b>1703</b>	<b>Z</b>	<b>C</b>	<b>K</b>	<b>C</b>	<b>9</b>	<b>J0</b>	<b>WHT</b>
						①	②	③	④

### ① C.C.T.

C=Cool White  
W=Warm White

### ② Voltage

6=120V  
9=277V

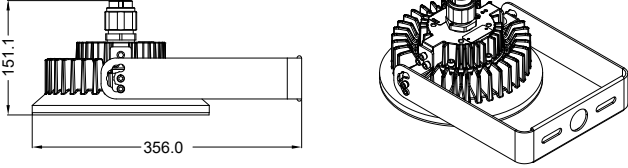
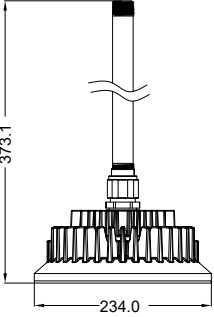
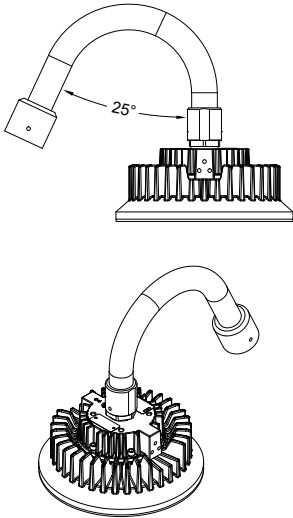
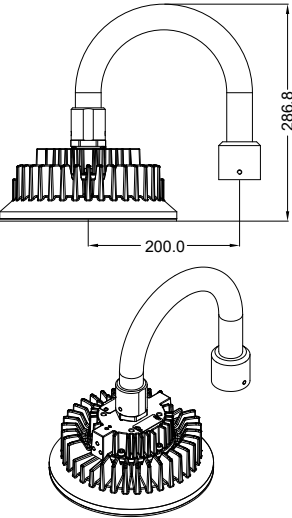
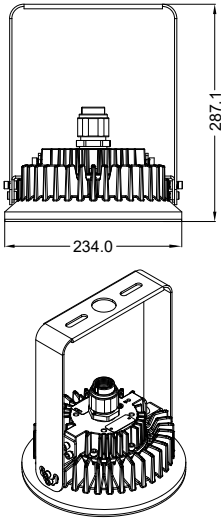
### ③ Wattage

F5=65W  
G5=75W  
I5=95W

### ④ Mounting Bracket Type

S25/90=Bending Electrical Tube 25°/90°  
P90=Straight Electrical Tube  
WHT(W90)=Wall Mount 90°  
WHT(H90)=Hanging Mount 90°  
PAN=Pan Mounting - C Brand  
PANA=Pan Mounting - A Brand  
PANK=Pan Mounting - K Brand

## Mounting Option & Dimensions (All in mm)

<p>Wall Mount 90° [WHT (W90)]</p>  <p>6.3 kg (13.8 lb)</p>		<p>Straight Electrical Tube (P90)</p>  <p>6.5 kg (14.3 lb)</p>
<p>Bending Electrical Tube 25° (S25)</p>  <p>6.5 kg (14.3 lb)</p>	<p>Bending Electrical Tube 90° (S90)</p>  <p>6.6 kg (14.6 lb)</p>	<p>Hanging Mount 90° [WHT (H90)]</p>  <p>6.3 kg (13.8 lb)</p>

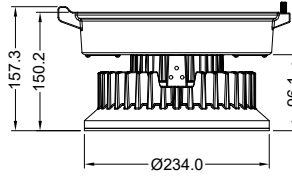
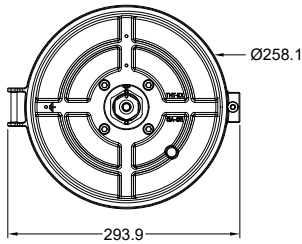
### Applicable Area

- Oil Refinery Complex
- Painting Facility
- Transporting Liquefied
- Offshore Platform
- Petrochemical Complex
- Transporting Nature Gas
- Petroleum Gas
- (Oil and Natural Gas)

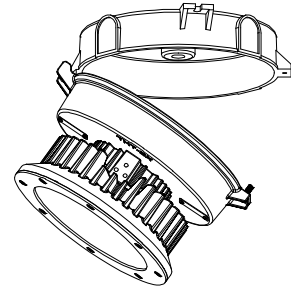
## Pan Mounting Option & Dimensions (All in mm)

### Retrofit Kit for C Brand

(PAN)



Installation Diagram

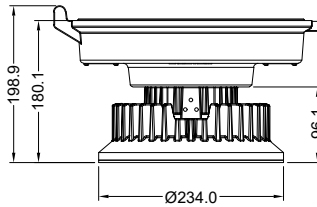
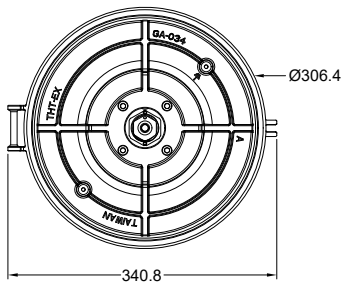


\*Top hat is not included when placing order for retrofit pan.

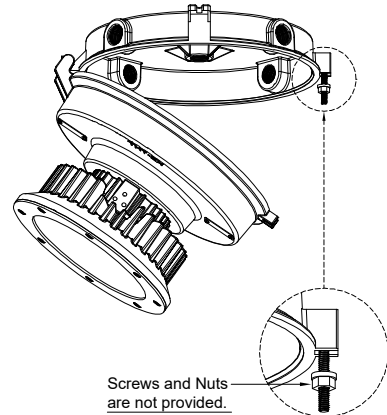
6.5 kg (14.3 lb)

### Retrofit Kit for A Brand

(PANA)



Installation Diagram



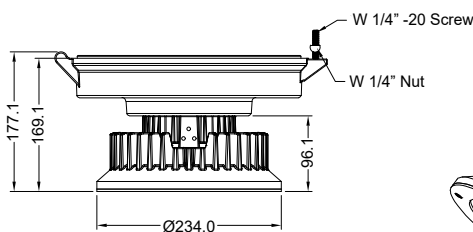
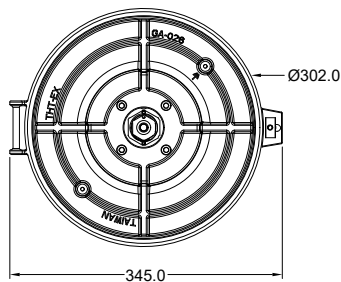
Screws and Nuts are not provided.

\*Top hat is not included when placing order for retrofit pan.

6.8 kg (15.0 lb)

### Retrofit Kit for K Brand

(PANK)



Installation Diagram



\*Top hat is not included when placing order for retrofit pan.

7.0 kg (15.4 lb)